IN THE CLAIMS

The current claims for this application are listed below.

1-12. (Canceled)

13. (Currently amended) A method to access remote documents, the method comprising:

sending a request for a document from a device to a remote server wherein the document is a web page;

receiving; in response to the request, at the device an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request wherein the image includes the entire web page;

automatically displaying an uncompressed first portion of the image on a display of the device, ~~wherein the first portion covers a substantial viewing area of the display~~;

under control of the device, selectively displaying a second portion of the image on the display of the device according a first user input to the device;

receiving a second user input directed to a location on the display of the device; and

transmitting data specifying the second user input as directed to a location on the image from the device to the remote server for applying the second user input to the document at the remote server wherein the data includes the location on the image and wherein the device cannot determine which parts of the image are links to other web pages.

14. (Previously presented) The method of claim 13, wherein the document comprises displayable information in a non-image format; and, a portion of the image is rendered from the displayable information.

15. (Previously presented) The method of claim 14, wherein displayable information comprises one of:
Java; and
text in a non-image format.

16. (Previously presented) The method of claim 14, wherein said selectively displaying comprises:
scrolling the image on the display of the device at exclusive control of the device.

17. (Previously presented) The method of claim 14, wherein the location on the image is specified using:
a location on the display of the device; and
a position of the image on the display of the remote device.

18. (Previously presented) The method of claim 17, wherein the position of the image on the display comprises:
data specifying scrolling activities performed at exclusive control of the device.

19. (Previously presented) The method of claim 14, wherein the second user input comprises a selection on the location on the display of the device.

20. (Previously presented) The method of claim 13, wherein the second user input comprises text input directed to the location on the display of the device.

21. (Previously presented) The method of claim 13, wherein the image of the document is refreshed only in response to a user input to the device.

22. (Previously presented) The method of claim 13, further comprising:
receiving at the device an image of one or more user interface elements in a compressed form;

displaying the image of the one or more user interface elements on a portion of the display of the device; and

receiving at the device a third user input directed to a location in the portion the display of the device;

wherein the request for the document is sent from the device in response to the third user input.

23. (Previously presented) The method of claim 22, wherein the request for the document comprises data specifying the third user input directed to a location on the image of the one or more user interface elements.

24. (Previously presented) The method of claim 22, wherein the image of the one or more user interface elements depicts a portion of a user interface of a web browser.

25. (Previously presented) The method of claim 24, wherein the portion of the user interface of the web browser comprises at least one of:

title;

scroll bar;

menu item;

back button; and

forward button.

26. (Previously presented) The method of claim 24, wherein the image of the one or more user interface elements is received from the remote server only during initialization of the device for accessing remote documents.

27–37. (Canceled)

38. (Currently amended) A device to access remote documents, the device comprising:

means for sending a request for a document to a remote server wherein the document is a web page;

means for receiving, in response to the request, an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request wherein the image includes the entire web page;

means for automatically displaying an uncompressed first portion of the image on a display of the device~~, wherein the first portion covers a substantial viewing area of the display~~;

means for selectively displaying, under control of the device, a second portion of the image on the display of the device according a first user input to the device;

means for receiving a second user input directed to a location on the display of the device; and

means for transmitting data specifying the second user input as directed to a location on the image to the remote server for applying the second user input to the document at the remote server wherein the data includes the location on the image and wherein the device cannot determine which parts of the image are links to other web pages.

39. (Previously presented) The device of claim 38, wherein the document comprises displayable information in a non-image format; and, a portion of the image is rendered from the displayable information.

40. (Previously presented) The device of claim 39, wherein displayable information comprises one of:

Java; and

text in a non-image format.

41. (Previously presented) The device of claim 39, wherein said means for selectively displaying comprises:

means for scrolling the image on the display of the device at exclusive control of the device.

42. (Previously presented) The device of claim 39, wherein the location on the image is specified using:

a location on the display of the device; and

a position of the image on the display of the remote device.

43. (Previously presented) The device of claim 42, wherein the position of the image on the display comprises:

data specifying scrolling activities performed at exclusive control of the device.

44. (Previously presented) The device of claim 39, wherein the second user input comprises a selection on the location on the display of the device.

45. (Previously presented) The device of claim 38, wherein the second user input comprises text input directed to the location on the display of the device.

46. (Previously presented) The device of claim 38, wherein the image of the document is refreshed only in response to a user input to the device.

47. (Previously presented) The device of claim 38, further comprising:

means for receiving an image of one or more user interface elements in a compressed form;

means for displaying the image of the one or more user interface elements on a portion of the display of the device; and

means for receiving at the device a third user input directed to a location in the portion the display of the device;

wherein the request for the document is sent from the device in response to the third user input.

48. (Previously presented) The device of claim 47, wherein the request for the document comprises data specifying the third user input directed to a location on the image of the one or more user interface elements.

49. (Previously presented) The device of claim 47, wherein the image of the one or more user interface elements depicts a portion of a user interface of a web browser.

50. (Previously presented) The device of claim 49, wherein the portion of the user interface of the web browser comprises at least one of:

title;

scroll bar;

menu item;

back button; and

forward button.

51. (Previously presented) The device of claim 49, wherein the image of the one or more user interface elements is received from the remote server only during initialization of the device for accessing remote documents.

52-62 (Canceled)

63. (Currently amended) A machine readable medium containing executable computer program instructions which when executed by a data processing system cause said system to perform a method to access remote documents, the method comprising:

sending a request for a document from a device to a remote server wherein the document is a web page;

receiving, in response to the request, at the device an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request wherein the image includes the entire web page;

automatically displaying an uncompressed first portion of the image on a display of the device~~, wherein the first portion covers a substantial viewing area of the display~~;

under control of the device, selectively displaying a second portion of the image on the display of the device according a first user input to the device;

receiving a second user input directed to a location on the display of the device; and

transmitting data specifying the second user input as directed to a location on the image from the device to the remote server for applying the second user input to the document at the remote server wherein the data includes the location on the image and wherein the device cannot determine which parts of the image are links to other web pages.

64. (Previously presented) The medium of claim 63, wherein the document comprises displayable information in a non-image format; and, a portion of the image is rendered from the displayable information.

65. (Previously presented) The medium of claim 64, wherein displayable information comprises one of:

Java; and

text in a non-image format.

66. (Previously presented) The medium of claim 64, wherein said selectively displaying comprises:

scrolling the image on the display of the device at exclusive control of the device.

67. (Previously presented) The medium of claim 64, wherein the location on the image is specified using:
a location on the display of the device; and
a position of the image on the display of the remote device.

68. (Previously presented) The medium of claim 67, wherein the position of the image on the display comprises:
data specifying scrolling activities performed at exclusive control of the device.

69. (Previously presented) The medium of claim 64, wherein the second user input comprises a selection on the location on the display of the device.

70. (Previously presented) The medium of claim 63, wherein the second user input comprises text input directed to the location on the display of the device.

71. (Previously presented) The medium of claim 63, wherein the image of the document is refreshed only in response to a user input to the device.

72. (Previously presented) The medium of claim 63, wherein the method further comprises:
receiving at the device an image of one or more user interface elements in a compressed form;
displaying the image of the one or more user interface elements on a portion of the display of the device; and
receiving at the device a third user input directed to a location in the portion the display of the device;
wherein the request for the document is sent from the device in response to the third user input.

73. (Previously presented) The medium of claim 72, wherein the request for the document comprises data specifying the third user input directed to a location on the image of the one or more user interface elements.

74. (Previously presented) The medium of claim 72, wherein the image of the one or more user interface elements depicts a portion of a user interface of a web browser.

75. (Previously presented) The medium of claim 74, wherein the portion of the user interface of the web browser comprises at least one of:
title;
scroll bar;
menu item;
back button; and
forward button.

76. (Previously presented) The medium of claim 74, wherein the image of the one or more user interface elements is received from the remote server only during initialization of the device for accessing remote documents.

77-87. (Canceled)

88. (Currently amended) A method to access remote documents, the method comprising:
sending from a device to a remote server a request for a document;
receiving at the device an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request;

displaying at least a portion of the image on a display attached to the device;

wherein a portion of the document changes with respect to time if rendered in a browser; and

wherein a refreshed image of the document is received from the remote server at the device for display only in response to a user input to the device and wherein the device cannot determine which parts of the image are links to other web pages.

89. (Previously presented) The method of claim 88, wherein the user input comprises a mouse down event.

90. (Previously presented) The method of claim 89, wherein the mouse down event is at a location of the image which location corresponds to one of:

a link; and

a text box.

91. (Previously presented) The method of claim 88, wherein the portion of the document comprises a banner.

92. (Previously presented) The method of claim 88, further comprising:

under exclusive control of the device, selectively displaying a portion of the image on the display of the device according a user input to the device.

93. (Currently amended) A method to access remote documents, the method comprising:

sending from a device to a remote server a request for a document;

receiving at the device an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request;

under exclusive control of the device, selectively displaying a portion of the image on a display attached to the device according a user input to the device; and

receiving a selection at the device;

sending a message from the device to the remote server to determine if the selection is on a link in the document and wherein the device cannot determine which parts of the image are links to other web pages.

94. (Previously presented) The method of claim 93, wherein text representing a link in the document is rendered slightly bolder in the image.

95. (Previously presented) The method of claim 93, further comprising:

displaying a feedback at the device to indicate that the message is sent to the remote server.

96. (Previously presented) The method of claim 95, wherein said displaying the feedback comprises changing a cursor into an hourglass.

97. (Currently amended) A device to access remote documents, the device comprising:

means for sending to a remote server a request for a document;

means for receiving an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request;

means for displaying at least a portion of the image on a display attached to the device;

wherein a portion of the document changes with respect to time if rendered in a browser; and

wherein a refreshed image of the document is received from the remote server at the device for display only in response to a user input to the device and

wherein the device cannot determine which parts of the image are links to other web pages.

98. (Previously presented) The device of claim 97, wherein the user input comprises a mouse down event.

99. (Previously presented) The device of claim 98, wherein the mouse down event is at a location of the image which location corresponds to one of:
a link; and
a text box.

100. (Previously presented) The device of claim 97, wherein the portion of the document comprises a banner.

101. (Previously presented) The device of claim 97, further comprising:
means for selectively displaying, under exclusive control of the device, a portion of the image on the display of the device according a user input to the device.

102. (Currently amended) A device to access remote documents, the device comprising:
means for sending to a remote server a request for a document;
means for receiving an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request;
means for selectively displaying, under exclusive control of the device, a portion of the image on a display attached to the device according a user input to the device; and
means for receiving a selection;

means for sending a message from the device to the remote server to determine if the selection is on a link in the document and wherein the device cannot determine which parts of the image are links to other web pages.

103. (Previously presented) The device of claim 102, wherein text representing a link in the document is rendered slightly bolder in the image.

104. (Previously presented) The device of claim 102, further comprising:
means for displaying a feedback to indicate that the message is sent to the remote server.

105. (Previously presented) The device of claim 104, wherein said means for displaying the feedback comprises means for changing a cursor into an hourglass.

106. (Currently amended) A machine readable medium containing executable computer program instructions which when executed by a data processing system cause said system to perform a method to access remote documents, the method comprising:
sending from a device to a remote server a request for a document;
receiving at the device an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request;
displaying at least a portion of the image on a display attached to the device;
wherein a portion of the document changes with respect to time if rendered in a browser; and
wherein a refreshed image of the document is received from the remote server at the device for display only in response to a user input to the device and wherein the device cannot determine which parts of the image are links to other web pages.

107. (Previously presented) The medium of claim 106, wherein the user input comprises a mouse down event.

108. (Previously presented) The medium of claim 107, wherein the mouse down event is at a location of the image which location corresponds to one of:
a link; and
a text box.

109. (Previously presented) The medium of claim 106, wherein the portion of the document comprises a banner.

110. (Previously presented) The medium of claim 106, wherein the method further comprises:
under exclusive control of the device, selectively displaying a portion of the image on the display of the device according a user input to the device.

111. (Currently amended) A machine readable medium containing executable computer program instructions which when executed by a data processing system cause said system to perform a method to access remote documents, the method comprising:
sending from a device to a remote server a request for a document;
receiving at the device an image in a compressed format from the remote server, the image being rendered at the remote server from the entire document in response to the request;
under exclusive control of the device, selectively displaying a portion of the image on a display attached to the device according a user input to the device; and
receiving a selection at the device;

sending a message from the device to the remote server to determine if the selection is on a link in the document and wherein the device cannot determine which parts of the image are links to other web pages.

112. (Previously presented) The medium of claim 111, wherein text representing a link in the document is rendered slightly bolder in the image.

113. (Previously presented) The medium of claim 111, wherein the method further comprises:

displaying a feedback at the device to indicate that the message is sent to the remote server.

114. (Previously presented) The medium of claim 113, wherein said displaying the feedback comprises changing a cursor into an hourglass.

115. (Previously presented) The method of claim 13, wherein at least a portion of the document has a greater color depth than the image.

116. (Previously presented) The method of claim 13, wherein the compressed format is attained through lossy compression.

117. (Previously presented) The method of claim 13, wherein the first portion of the image and the second portion of the image are formed from a matrix array of blocks of information sent by the remote server.

118. (Previously presented) The method of claim 117, wherein the blocks of information have identifiers which define a prioritized sequence of assembling based on location.

119. (Previously presented) The method of claim 15, wherein the text is enlarged when rendered into the first portion of the image.

120. (Previously presented) The method of claim 24, wherein the image of one or more user interface elements is hard coded in the device.

121-122. (Canceled)

123. (Previously presented) The device of claim 38, wherein at least a portion of the document has a greater color depth than the image.

124. (Previously presented) The device of claim 38, wherein at least a portion of the document is in color and the image is in gray scale.

125. (Previously presented) The device of claim 38, wherein the first portion of the image and the second portion of the image are constructed from a matrix array of blocks of information sent by the remote server.

126. (Previously presented) The device of claim 125 wherein the blocks of information have identifiers which define a prioritized sequence of assembling based on location.

127. (Previously presented) The device of claim 40, wherein the text is enlarged when rendered into the portion of the image.

128. (Previously presented) The device of claim 49, wherein the image of one or more user interface elements is hard coded in the device.